

REMARKS

Applicants request reconsideration of the present application in view of this response. Claims 1-34 are currently pending. Claims 1, 13 and 28 have been amended and are the independent claims.

ENTRY OF AMENDMENT AFTER FINAL

Applicants request entry of this Amendment after Final in that it does not raise any new issues requiring further consideration or search and only further clarifies limitations previously set forth.

PRIOR ART REJECTIONS

Rejection under 35 U.S.C. §103(a)

Claims 1, 2, 4, 5, 7-9, 12, 13, 15, 17, 20, 26, 28, 29, 31, 32 and 34 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Yoshida et al. (U.S. Patent No. 5,506,409, hereinafter referred to as "Yoshida") in view of Sariciftci et al. (U.S. Patent No. 5,454,880, hereinafter referred to as "Sariciftci"). Applicants traverse this rejection, **especially in view of amended claims 1, 13 and 28**.

As stated previously, on page 2 of the Office Action, the Examiner correctly recognizes that Yoshida fails to teach or suggest an X-ray detector for a CT device including at least a photo detector layer including "organic material," as set forth in claim 1. The Examiner relies upon Sariciftci to allegedly teach this feature.

However, neither Yoshida nor Sariciftci teach or suggest at least an organic photodetector layer having "**a layer thickness of between 30 nm and 500 nm, inclusive**," as required by claim 1. For at least this reason, claim 1 is in condition for allowance.

Claim 13 recites, "applying the photodetector layer, made from an organic material and **having a layer thickness of between about 30 nm and about 500 nm, inclusive**," and claim 28 recites, "**the photodetector layer has a thickness of between 30 nm and 500 nm, inclusive**." Therefore, claims 13 and 28 are also in condition for allowance. Claims 2, 4, 5, 7-9, 12, 15, 17, 20, 26, 29, 31, 32 and 34 are allowable for at reasons set forth above with regard to claims 1, 13 and 28.

In addition to the above, Applicants incorporate by reference arguments previously presented in the September 30, 2005 Response. For at least the reasons presented therein, Applicants maintain that the Examiner has failed to provide the necessary motivation for combining Yoshida and Sariciftci under 35 U.S.C. § 103(a).

Withdrawal of this rejection is kindly requested.

Further Rejections under 35 U.S.C. §103(a)

The Examiner further rejects claims 3, 16, 18, 19, 22, 24 and 30 over Yoshida in view of Sariciftci and further in view of Feygin (U.S. Patent Publication No. 2002/0182111); claims 6, 21 and 33 over Yoshida, Sariciftci and Tyan (U.S. Patent No. 6,693,296); claims 10 and 11 over Yoshida, Sariciftci

and Parthasarathy (U.S. Patent No. 5,506,409); claims 14 and 27 stand over Yoshida, Sariciftci and Possin et al. (U.S. Patent Publication No. 2003/0122083); and claims 23 and 25 over Yoshida, Sariciftci, Feygin and Tyan. Applicants traverse this rejection in that the Examiner's combination of Yoshida and Sariciftci is improper, and each of Feygin, Tyan, Parthasarathy and Possin suffer from the same deficiencies as Yoshida and Sariciftci. Therefore, claims 3, 6, 10, 11, 14, 16, 18, 19, 21-25, 27, 30 and 33 are in condition for allowance.

Withdrawal of all of these rejections is kindly requested.

CONCLUSION

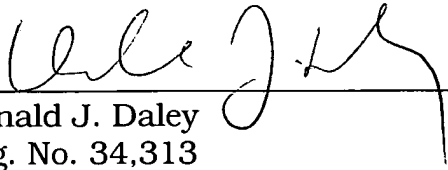
In view of above remarks, reconsideration of the outstanding rejection and allowance of the pending claims is respectfully requested.

If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Andrew M. Waxman, Reg. No. 56,007, at the number of the undersigned listed below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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